

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : A22C 13/00, D02G 3/32		A1	(11) International Publication Number: WO 00/38531 (43) International Publication Date: 6 July 2000 (06.07.00)
(21) International Application Number: PCT/AU99/01141			(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
(22) International Filing Date: 23 December 1999 (23.12.99)			
(30) Priority Data: PP 7901 23 December 1998 (23.12.98) AU			
(71) Applicant (<i>for all designated States except US</i>): ENNIO PTY. LTD. [AU/AU]; 2 Penna Avenue, Glynde, S.A. 5070 (AU).			
(72) Inventor; and			
(75) Inventor/Applicant (<i>for US only</i>): MERCURI, Gervasio [AU/AU]; 2 Penna Avenue, Glynde, S.A. 5070 (AU).			
(74) Agent: MADDERNS; 1st Floor, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU).			
(54) Title: MEAT PRODUCT CASING HAVING A MAXIMUM EXTENSIBLE DIAMETER			
(57) Abstract			
<p>A tubular casing for use with food products which includes knitted stockinette (15), longitudinal threads (13) and circumferential spiral threads (16) that are held to stockinette (15) by stitches (17) located along the length of the casing. Each thread (16) comprises an elastic thread formed from an inextensible yarn spirally wrapped around the outside of a rubber thread. As thread (16) is stretched, the rubber thread extends and the helix angle of the spirally wrapped yarn reduces to the point where the yarn approximates a straight line. The inextensible yarn resists further stretching beyond this point. This point is the elastic limit for thread (16) and it can be adjusted by varying the helix angle during manufacture of the elastic thread. Threads (16) therefore allow the casing to be filled to a predetermined maximum diameter and result in the filled casing having a constant diameter throughout its length.</p>			